

3613
1 BILL NO. S-82-02-14

2 SPECIAL ORDINANCE NO. S-

46-82

3 AN ORDINANCE approving a certain bid
4 document for the purchase of seven (7)
5 greenhouses at Lawton Park for the Parks
and Recreations Department.

6 BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF
7 FORT WAYNE, INDIANA:

8 SECTION 1. That a certain bid document reference num-
9 ber 1011, dated November 12, 1981, between the City of Fort Wayne,
10 by and through its Mayor and the Board of Park Commissioners and
11 Silkworth Construction Company for seven (7) greenhouses at
12 Lawton Park at a total approximate cost of \$174,390.00, all as
13 more particularly set forth in said bid document reference number
14 1011 and Purchase Order Number A-14394, which are on file in the
15 Office of the Department of Purchasing and are by reference
16 incorporated herein, made a part hereof and are hereby in all
17 things ratified, confirmed and approved.

18 SECTION 2. That this Ordinance shall be in full force
19 and effect from and after its passage and approval by the Mayor.

20
21 
22 COUNCILMAN

23 APPROVED AS TO FORM AND
24 LEGALITY FEBRUARY 19, 1982

25 
26 BRUCE O. BOMBERGER, CITY ATTORNEY
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Read the first time in full and on motion by Gio Quinto, seconded by Burns, and duly adopted, read the second time by title and referred to the Committee Finance (and the City Plan Commission for recommendation) and Public Hearing to be held after due legal notice, at the Council Chambers, City County Building, Fort Wayne, Indiana, on 2-23-82, the 23 day of February, 1982, at 7 o'clock P.M., E.S.T.

DATE: 2-23-82

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Read the third time in full and on motion by Gio Quinto, seconded by Stier, and duly adopted, placed on its passage. PASSED (~~LOST~~) by the following vote:

	<u>AYES</u>	<u>NAYS</u>	<u>ABSTAINED</u>	<u>ABSENT</u>	<u>TO-WIT:</u>
<u>TOTAL VOTES</u>	<u>8</u>	<u> </u>	<u> </u>	<u>1</u>	<u> </u>
<u>BRADBURY</u>	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>BURNS</u>	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>EISBART</u>	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>GIAQUINTA</u>	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>NUCKOLS</u>	<u> </u>	<u> </u>	<u> </u>	<u>✓</u>	<u> </u>
<u>SCHMIDT</u>	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>SCHOMBURG</u>	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>STIER</u>	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>TALARICO</u>	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

DATE: 3-9-82

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as (ZONING MAP) (GENERAL) (ANNEXATION) (SPECIAL) (APPROPRIATION) ORDINANCE (RESOLUTION) NO. 346-82 on the 9th day of March, 1982.

ATTEST:

(SEAL)

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Samuel J. Talarico
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 10th day of March, 1982, at the hour of 11:30 o'clock P.M., E.S.T.

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Approved and signed by me this 17th day of March 1982, at the hour of 4 o'clock P.M., E.S.T.

Win Moses, Jr.
WIN MOSES, JR. - MAYOR

BILL NO. S-82-02-14

REPORT OF THE COMMITTEE ON FINANCE

WE, YOUR COMMITTEE ON Finance TO WHOM WAS REFERRED AN
ORDINANCE approving a certain bid document for the purchase
of seven (7) greenhouses at Lawton Park for the Parks and Recreations
Department

HAVE HAD SAID ORDINANCE UNDER CONSIDERATION AND BEG LEAVE TO REPORT
BACK TO THE COMMON COUNCIL THAT SAID ORDINANCE DO PASS.

MARK E. GIAQUINTA - CHAIRMAN

PAUL M. BURNS - VICE CHAIRMAN

JAMES S. STIER

JOHN NUCKOLS

DONALD J. SCHMIDT

3-9-82
DATE 3-9-82 CHARLES W. WESTERMAN, CITY CLERK

Memorandum

To BOARD OF PARK COMMISSIONERS

Date 1/5/81

From CAROL OFFERLE, PURCHASING DEPARTMENT

Subject BID REFERENCE #1011

COPIES TO:

Attached are copies of Bids received for the Greenhouse Construction for the Park Department. Purchase order number A-14394 has been assigned to Silkworth Construction.

Silkworth Construction is the lowest bidder of the five (5) bids received.

Please include the attached supporting information when this ordinance is submitted to City Council for Approval. Also, please insure that no confirming Purchase Order numbers is given to Silkworth Construction until Purchasing receives written confirmation of Council Approval.



Carol J. Offerle
Purchasing Department

CJO/ml

MEMORANDUM

To Carol Offerle, Purchasing Date 12/30/81
From Dennis J. Noak, Parks & Recreation
Subject Bid #1011

Copies to:

Please accept Silkworth Construction Base Bid of \$174,390.00
for Greenhouse Construction.

Please process as soon as possible so we can process it
for council approval.

Thank you.

DEPARTMENT OF PURCHASES
NUMBER ONE EAST MAIN STREET ROOM 940
FORT WAYNE, IN 46802

MAIL ALL CORRESPONDENCE, CLAIM VOUCHERS, ETC., TO:

BOARD OF PARK COMMISSIONERS
705 E. STATE STREET
FORT WAYNE IN 46805

SILKWORTH CONSTRUCTION CO. 9532-01
501 WOLF DRIVE
FORT WAYNE IN 46825

DELIVER TO: DEPARTMENT OR DIVISION

DATE 1/5/82
REQ. NO. 2124

THE ABOVE INFORMATION MUST APPEAR ON ALL INVOICES,
BILLS OF LADING, DELIVERY TICKETS, PACKAGES AND
CORRESPONDENCE.

INVOICE IN DUPLICATE

XX CIVIL CITY

CITY UTILITIES

APPROPRIATION
AND FUND NUMBER

CASH DISCOUNT TERMS % IF PAID WITHIN DAYS FROM DELIVERY AND
ACCEPTANCE OF GOODS OR PERFORMANCE OF SERVICES. (DEDUCTION FOR DISCOUNT SHOWN BELOW)

QUANTITY ORDERED	UNIT	MATERIALS, SUPPLIES OR SERVICES	UNIT PRICE	AMOUNT
		TAX EXEMPT (UNLESS OTHERWISE INDICATED)		
		CONSTRUCTION OF GREENHOUSE AS PER SPECIFICATIONS IN BID REFERENCE # 1011		
		BASE BID: \$174,390.00		
		SUBJECT TO COUNCILMANIC APPROVAL		
		FOR INFORMATION: CAROL J. OFFERLE (219) 423-7677	TOTAL	174,390.00

COMPLIANCE WITH THE
DELIVERY DATE RE-
QUESTED WILL AVOID
"FOLLOW UP" CORRE-
SPONDENCE

UNLESS OTHERWISE INDICATED THE PRICES SHOWN INCLUDE ALL CHARGES FOR DELIVERY, PACKING, ETC. NECESSARY TO COMPLETE DELIVERY TO DESTINATION SPECIFIED.

NOTE

**READ
INSTRUCTIONS ON
THE BACK OF THIS
ORDER**

THE CONTRACTOR OR VENDOR
BY ACCEPTING THIS ORDER,
AGREES TO THE GENERAL CON-
DITIONS AND TERMS OF AGREE-
MENT ON THE BACK OF THIS OR-
DER.

UNLESS OTHERWISE INDICATED,
THE PRICES SHOWN DO NOT IN-
CLUDE TAXES OF ANY KIND.

EXEMPTION BLANKS WILL BE
FURNISHED WHEN NECESSARY

INDIANA SALES TAX EXEMPTION
CERTIFICATE NUMBER
034508-03

IF THIS ORDER DOES NOT
AGREE WITH YOUR QUO-
TATION KINDLY RETURN
IT WITH AN EXPLANA-
TION.

I HEREBY CERTIFY THAT THE COST OF THE ABOVE PURCHASE IS FULLY COVERED BY UNENCUMBERED BALANCES IN THE ABOVE FUNDS AND THAT THE EXPENDITURE THEREFORE HAS BEEN DULY AUTHORIZED AND APPROPRIATED.

CITY CONTROLLER

I HEREBY CERTIFY UPON MY OWN PERSONAL KNOWLEDGE THAT THIS ORDER IS AUTHORIZED BY A PROPERLY EXECUTED AND APPROVED REQUISITION ON FILE IN THIS OFFICE.

DIRECTOR OF PURCHASES

PER

PER

Tabulation of Bid #1011

Closing Date 11-12-81

BASE BIDALTERNATE BID #A-1ALTERNATE BID #A-2ALTERNATE BID #A-#3

F.P. _____
 Non.Col. _____
 ENDURER GREENHOUSE SYSTEMS

F.P. _____
 Non.Col. _____
 POLY-GROWERS, INC.

F.P. _____
 Non.Col. _____
 M.A.C.I.A.F.

F.P. _____
 Non.Col. _____
 I.B.G.

F.P. _____
 Non.Col. _____

FT. WAYNE DODGE REPORTS

F.P. OK
 Non.Col. OK Bond

SIMERMAN CONSTRUCTION

188,000.⁰⁰+ 13,400.⁰⁰+ 5900.⁰⁰+ 2600.⁰⁰

Tabulation of Bid #1011

Closing Date 11-12-81

BASE BID

ALTERNATE BID #A-1

ALTERNATE BID #A-2

ALTERNATE BID #A-#3

F.P. OK Bond
 Non-Call. OK
 LENACHER CONSTRUCTION

212,500.⁰⁰

N.B.

+ 11,000.⁰⁰+ 1200.⁰⁰

F.P. OK Bond
 Non-Call. OK
 W.A. SHEETS

182,720.⁰⁰+ 11,788.⁰⁰+ 5976.⁰⁰+ 2500.⁰⁰

F.P. OK Bond
 Non-Call. OK
 HENRY ELECTRIC

F.P. OK Bond
 Non-Call. OK
 SILKWORTH CONSTRUCTION

174,390.⁰⁰+ 8900.⁰⁰+ 5724.⁰⁰+ 2200.⁰⁰

F.P. OK Bond
 Non-Call. OK
 BERCOT-GIBSON

F.P. OK Bond
 Non-Call. OK
 EDIFICE CONSTR. MANAGEMENT

F.P. OK Bond
 Non-Call. OK
 SHAMBAUGH & SON

F.P. OK Bond
 Non-Call. OK
 WINANDY GREENHOUSE CONSTR.

218,679.⁰⁰+ 9922.⁰⁰+ 5750.⁰⁰+ 3900.⁰⁰

F.P. OK Bond
 Non-Call. OK
 VAN WINGERDEN PLASTIC GREENHS.

F.P. OK Bond
 Non-Call. OK
 ROUGH BROTHERS, INC.

F.P. OK Bond
 Non-Call. OK

A.H. HUMBERT SPEED COMPANY

CITY OF FORT WAYNE

DEPARTMENT OF PURCHASES

Number One Main St., Ft. Wayne, Ind. 46802

INVITATION

Quotations, subject to the conditions on the reverse hereof, are requested on the following list of materials, supplies, equipment or services, for the Department as mentioned, with delivery to destination as shown below. Quotations shall include all charges for delivery, packing, etc. Address your reply as indicated below.

*Mail all replies and correspondence, etc. to Attn. of

Aaron M. Gluck

DEPARTMENT OF PURCHASES

Room 940, Number One Main St., Ft. Wayne, Ind. 46802

REQUIRED FOR DELIVERY TO:

Department PARK DEPARTMENT
or Division 705 East State Blvd.

Address Fort Wayne, IN 46805

RETURN ORIGINAL TO THE CITY—RETAIN DUPLICATE COPY FOR YOUR FILE

Closing Time of Bid. Thursday, November 12, 1981 at 11:00 a.m.

TAXES: THE CITY IS EXEMPT FROM FEDERAL EXCISE AND INDIANA STATE SALES TAX. THE CITY'S INDIANA SALES TAX EXEMPTION CERTIFICATE NUMBER IS NO. 1444. PRICES SHOULD NOT INCLUDE THESE TAXES. See "Instructions to Bidders" No. 13 on reverse hereof for details.

TAX EXEMPT (Unless otherwise indicated)

Page 1 of 4

Ref. No. 1011

Date 10/27/81

Date wanted 11/12/81
11:00am.

Fund
Appropriation No. _____

Quantity	Unit	Materials, Supplies, Equipment or Services	Unit Price	Total Amount
		LAWTON PARK GREENHOUSE AS PER PLANS AND SPECIFICATIONS. Winandy "CONVERTIBLE" greenhouse system glazed with Monsanto "603" polyethylene Two hundred eighteen thousand six hundred seventy-nine dollars. Alternate Bid A-1 Addition of Interior Insulation Add <u>\$9,922.00</u> Alternate Bid A-2 Glass "Cool" House Retrofit Add <u>\$5750.00</u> Alternate Bid A-3 Replace Existing Wood door and Block up overhead door. Add <u>\$3900.00</u>	\$	218,679
		Affirmative Action: on file _____ attached <u>X</u>		

Bid Bond required ☒ 5% Performance Bond ☒ 100%

Terms None % cash discount if paid within _____ days from delivery and acceptance of goods or completion of services

PROPOSAL OR BID

In compliance with the above invitation for bids and subject to all conditions thereof, the undersigned offers and agrees, if this bid be accepted within a reasonable time from date of closing, to furnish any or all of the items or render such services upon which prices are quoted, in accordance with the specifications applying and as the price set opposite each item.

Delivery of any or all of the items or completion of services indicated shall be made within _____ days from receipt of order.

IMPORTANT

As delivery may be a deciding factor in the award of an order, it is important that bidder furnish the information requested above.

(Sign Here)

Winandy Greenhouse Company, Inc.

Henry R. Donerby President

Address 2211 Peacock Road

City Richmond, IN 47374

Date

SUPPLEMENTARY BID FORM

This Supplementary Bid Form shall be submitted with the proposal.

Alternate Base Bids

Each bidder may submit as many Base Bid Proposals as they desire. With each Proposal, a complete description is required as well as a list of at least two existing similar Greenhouse Ranges which have been in operation for a minimum of three years.

Alternate Base Bid #1: We propose to furnish Winandy "SUN-MATE" roof system in lieu of Winandy "CONVERTIBLE" roof system consisting of one layer of tempered safety glass and one layer of air inflated single Monsanto 603 over the tempered glass on the roof (see attached letter) for the sum of Two hundred eighty-five thousand twenty-nine dollars. \$285,029.00

Alternate Base Bid #2: We propose to furnish double glass glazed (one layer of tempered safety glass, one layer of clear annealed glass) Winandy "SUN-MATE" roof system (see attached letter) for the sum of Three hundred thirty-four thousand nine dollars. \$334,009.00

Completion Time:

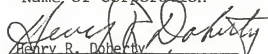
The Undersigned here agrees, if awarded the contract, to pursue the work to Substantial Completion suitable for occupancy and safe, normal operation within 90 days weather permitting calendar days after contract execution and authorization to proceed barring strikes, civil strife, natural calamity or other events beyond control.

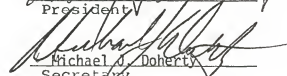
Addenda:

The Undersigned here acknowledges the receipt of the following Addendum covering revisions to drawings and/or specifications, the cost of such revisions, if any, being included in the Base Bid.

Receipt of Addendum No. 1 is/are hereby acknowledged.

This Supplementary Bid Form submitted by: Winandy Greenhouse Company Inc.
Name of Corporation


Henry R. Doherty
President


Michael J. Doherty
Secretary



SERVICE

SPEED

SATISFACTION



WINANDY GREENHOUSE COMPANY

INCORPORATED

Greenhouse Manufacturers, Builders and Heating Engineers

Complete Materials, Labor and Maintenance Service

Specializing in Concrete Benches

Office Phone
Area Code 317
935-2111

RICHMOND, INDIANA 47374

2211 PEACOCK ROAD

Res. Phone
Henry (Ray) Doherty 935-7604
Michael J. Doherty 966-4393
Henry T. Doherty

November 11, 1981

City of Fort Wayne
Department of Purchases
One Main Street
Fort Wayne, IN 46802

Re: Alternate Base Bids for greenhouses in Lawton Park.

Gentlemen:

Under voluntary alternate base bid #1, we propose to furnish our Winandy "SUN-MATE" roof system glazed with one layer of tempered safety glass and one layer of Monsanto 603 polyethylene with air pumped between the layers for insulation value. The attached specifications are self-explanatory as to the structural considerations. The advantage of the single polyethylene over the single glass is lower initial cost than double glass, yet retaining the high insulation value. Naturally, the permanence of the tempered glass is a much greater protection against the weather than double poly, therefore making the single glass and single poly the logical step of upgrading the above double poly.

Under voluntary alternate bid #2, we upgrade the roofs of the proposed greenhouses to our full Winandy "SUN-MATE" double glass glazed heat efficient roof system. We furnish you an outer layer of tempered safety glass with an inner layer of clear annealed glass. The Winandy "SUN-MATE" double glazed system is considered by many knowledgeable experts to be the best permanent, maintenance free, heat efficient greenhouse roof system available on the market today. This system combines the permanence of a tempered glass outer skin and the heat retention of two layers into the best of all possible worlds by giving a maintenance system.

The large drawback to double poly naturally is the fact that it does have to be changed periodically, therefore, requiring maintenance.

Our experience with tempered glass roof systems dates back to 1969. All of our systems are basic variations of our tempered glass roof system. Some of the customers that you may wish to contact are: E.G. Hill Company, Richmond, Indiana; Iowa State University, Horticultural Department, Ames, Iowa; J.L. Dillon Company, Bloomsburg, Pennsylvania; University of Maryland, College Park, Maryland, just to name a few. We have been in business over 60 years and a copy of our contractor's license is attached. We can furnish a multitude of names of satisfied customers for you to check our references.

Sincerely yours,

Michael J. Doherty

"An amount equal to any tax or other governmental charge upon the production, sale, occupation of selling, shipment or use of material which is now or may be hereafter imposed by Federal, State or Municipal authorities upon either the Purchaser or the Winandy Greenhouse Construction, Inc., which the Winandy Greenhouse Construction, Inc. is obligated to pay or collect, shall be added to the price and shall be paid by the Purchaser."

MJD:ckb Enclosures

[illegible]

5. **FRAMING:** (a) General: Supporting framework to be galvanized steel and the supporting structural posts to be approximately 1 5/8" x 5" channel shaped galvanized steel posts, or aluminum posts of equal strength. Eaves and connecting gutters, and outside outters, to be of extruded aluminum. All assembly of major greenhouse structural members to be thru bolted construction. All ferrous metal, where used, shall be galvanized.
(b) Greenhouses shall be in lengthwise multiples of 25' 10 1/2". The post spacing supporting under the gutters and eaves shall be 12' 11 1/2".
(c) Posts: Supporting structural posts to be galvanized steel channel shaped posts measuring approximately 1 5/8" x 5" or equivalent in extruded structural aluminum. The posts to be positioned to bear the weight of the outters or eaves and roof structural members. Posts also, designed to receive necessary extrusions and other wall forming and framing materials.
(d) Rafters: Provide rafters of the size and strength required to carry the specified loads without transferring overstress to gable or interior partitions.
(e) Miscellaneous: Provide all other structural members not enumerated above but required to complete the framework of the greenhouse in accordance with best practice.
6. **EXTRUSIONS:** (a) General: Extrusions shall be of the manufacturer's standard shapes and shall conform to at least the minimum requirements of this specification.
(b) Wall Sill: Provide wall sills jointed at main posts, secured to the framework. Provide wall sill capable of receiving either side sash or fixed glazing as required.
(c) Eave Plate: Provide eave plates flanged to receive glazing rafters and provide with weep holes to carry condensation collected from the underside of the roof to the outside of the greenhouse. Where sidewall movable sash hinges at eave, provide eave plate with a continuous hinge element to allow installation of outswinging sash. Join eave at main posts but no greater than two spans of post spacing.
(d) Gutter: Gutters to join at main posts spaced at 25' 10 1/2". Gutters to be of sufficient size on the exterior, so that workmen can readily walk in the gutters to perform any service, install poly, or maintenance work that may be required in the future years.
(e) Ridge: Provide ridge member with continuous hinge flanges to receive ridge ventilating sash on each side of the ridge, where roof ventilators provided.
(f) Vent Header: Provide vent header at the bottom of the ridge ventilating sash, for the ridge ventilating sash to close against. This vent header to be channel shaped on the top, so that at owner's option, a rubber seal to be provided for vent headers, that the roof ventilator when closed against the header will provide a tight fit. The vent header is to provide a gutter to collect any condensation that forms on the ridge vent.
(g) Miscellaneous Members: Provide all other extrusions or parts not enumerated above, but obviously required to complete the construction of the greenhouse in accordance with standard practices.
7. **MOVABLE SASH:** (a) Ridge Sash: Provide for each compartment, ridge ventilator sash hinged at the ridge, and to close on a vent header for sealing at the bottom edge of the ridge ventilators. 1/8" Tempered Safety Glass glazing for 26" deep up the roof, or 36" deep up the roof, at owner's option. All glass to be bedded in Winandy Butyl Rubber extruded bedding of highest quality and sealed on top of glass along side of tongues of glass muntin bars with Butyl Rubber Caulking of equal quality and all glass to be held in place with full-length aluminum caps which in turn are held in place with stainless steel self-threading screws. Glass to be Tempered Safety Glass, unless otherwise specified. The top rail of the vent is to form one-half of a hook, and hook type hinging, which matches its mate extruded into the ridge member. The roof side or end sash designed with hook and hinging, so that should damage or accident or malfunction of a center ventilator occur, it would be easily removable for replacement as opposed to semi-ball in socket type hinging. All ventilator operating systems to have positive stops provided to prevent ventilators from creeping during operation and to maintain them in the proper location.

8. GABLE ENDS: Provide 2½" corrugated clear Fiberglass panels, extending at least 6" into grade or Double Strength or Tempered Safety Glass glazed, except where cut glass required, for single skin gable ends. If dead air space energy efficient sides and gable ends wanted, provide two layers or skins of fiberglass with dead air space.
9. INTERMEDIATE PARTITIONS: Intermediate partitions shown shall extend from grade or sill to ridge constructed in a manner similar to the fiberglass or glass gable end, except one layer only.
10. GUTTERS AND DOWNSPOUTS: Provide gutters and downspouts as shown on plans. Gutters shall be of extruded aluminum for connecting multiple greenhouses, and for carrying of water and on outside walls for future expansion or water carrying, or convenience when working on the roof. Gutters to be supported by galvanized steel support posts directly under the gutters, and bolted to the bottom side of the gutters. Downspouts can be provided on the interior or the exterior where gutters can extend over the end of the greenhouse, downspouts to be either P.V.C. pipe or aluminum tubing.
11. DOORS AND FRAMES: Doors and frames shall be constructed of aluminum. Doors shall be 1 3/4" thick. Joints shall be hair line. Doors shall be constructed of extruded aluminum tubular shapes. Standard size - 3' x 6'8" x 1 3/4".
12. ROOF SKIN: (a) Roof skin can be two sheets or two layers of Monsanto #603 clear, .006 mil polyethylene sheets covering roof from gutter or eave across roof to gutter or eave, and secure into extruded aluminum gable end roof rafters with "COVERLOK" sheet securer or equal, extruded into gutter sides and gable end roof rafters, and secured in place with "COVERLOK" sheet securer. Roofs to be provided with proper inflation kits and equalizing jumper kits. Roof inflation system to be equipped with outside air supply ducts. Each project or group of air inflated roofs to be supplied with one manometer for checking air pressure and adjusting air pressure via the inflation kits and the manometer to be delivered to the owner at completion of the installation or the delivery of the materials.
(b) If the roof is to be fiberglass, then 2½" corrugated fiberglass, 5 oz. clear tedlar coated or equal manufacturer's warranty. The fiberglass to be secured to the galvanized steel and aluminum frame, with self-drill tap sealer head TEK type sheet metal screws. The necessary edge and lap sealers to be provided.
13. SCAFFOLD BRACKETS: Furnish sufficient scaffold brackets and two formed aluminum stages, 12' long, so that readily moveable and installable scaffolding is provided for scaffolding from the gutter to the ridge, so that any part from gutter to the ridge can be readily reached by workmen on the triangular shaped aluminum roof scaffolding stages.
14. VENTILATION: Provide Extruded Aluminum Framed and Tempered Safety Glass glazed ventilators as required by plan and owner's specifications. Roof, side, or end ventilator to be rack and pinion or elbow arm operated as noted on plans.
15. OTHER VENTILATORS: Roof, side, or end ventilators to be thermostatic, electric motorized, manual electric motorized, or manual hand machine operated as noted on plans.

SPECIFICATIONS
 "SUN-MATE" OR "CONVERTIBLE" ENERGY EFFICIENT OPTIONS

OUTER SKIN "SUN-MATE" ENERGY EFFICIENT ROOF: Provide 1/8" Tempered Safety Glass Glazing, the 3/4" spaced "SUN-MATE" roof rafters approximately 2" x 3" high, Tempered Safety Glass Glazing sealed tight with extruded Butyl Rubber bedding and Butyl Rubber caulking and laps a minimum of 3/4" and sealed between the laps with Dow silicone sealer and minimum laps of 3/4" with tight seal of outer Tempered Safety Glass skin.

INNER SKIN "SUN-MATE" ENERGY EFFICIENT ROOF: Provide inner skin of 1/8" tempered safety glass or double strength glass set and sealed in EPDM rubber, the inner insulating glass to be provided so that glass can be removed from the interior of the greenhouse for maintenance or other purposes. Insulating dead air space between two layers of roof glass skin to be a minimum of 2 1/8" on new construction or a minimum of 1 3/8" where retrofitting the "SUN-MATE" double glazed energy efficient insulated glass roof on old existing greenhouse structure.

CLEANABLE "SUN-MATE" ENERGY EFFICIENT ROOF: Provide for ability to flush or wash out and drain dead air space area between roof rafters should the need arise in the future.

POLYETHYLENE SKIN AND "SUN-MATE" ENERGY EFFICIENT ROOF: Provide the necessary extrusions and "Coverlok" sheet sealer and one sheet of #602 or #603, .006 mil polyethylene with necessary inflation kits and Jumper kits for energy efficient greenhouse roof consisting of one skin of 1/8" tempered safety glass sealed as described in the above paragraph, and with one layer of air inflated polyethylene over the sealed skin of tempered safety glass. This option to be provided where energy efficiency and fuel cost savings is important and also, initial investment costs important. The air inflated poly over the tempered safety glass can be provided as one option for energy efficient roof or air inflated polyethylene option added over double glazed roof provides two dead air spaced maximum energy efficient roof.

ROOF VENTILATORS: Roof ventilators to be furnished with single 1/8" tempered safety glass skin or can be furnished with second insulating skin of fiberglass or tempered safety glass to form dead air space and more energy efficient greenhouse ventilators. Roof ventilators can be provided with rubber seal to close on rubber at the vent closing header.

SIDES AND ENDS: (a) Sides and ends can be covered with two layers of corrugated fiberglass with dead air space between for energy efficient sidewalls with fiberglass extending a minimum of 6" into grade. Fiberglass to be clear and sealed at all laps with butyl rubber or silicone caulking sealer.

- (b) Corrugated fiberglass outer skin and Thermax aluminum foil faced both sides insulating panels, 1" thick rated R-8 or 1 1/2" thick rated R-12, to be installed on the inside of the outer fiberglass protecting cover for very energy efficient and fuel savings sidewalls and ends.
- (c) Sides and ends can be 1/8" tempered safety glass or double strength glass set in aluminum extrusions and held with aluminum caps in the similar manner to the glazing of the roof, and with one layer of air inflated polyethylene over the glass extending from ground or grade to the top of sides or ends for insulated dead air space formed by sealed glass on sides and ends and the sheet of #602 or #603, .006 mil polyethylene air inflated.
- (d) We recommend wherever side and end vertical wall sunlight entry can be omitted, that the sides and ends of the "CONVERTIBLE" or the "SUN-MATE" greenhouse to be provided with the most energy efficient as well as follows.

- (1) Outside, side, or end wall protective skin to be formed or shaped aluminum roofing or siding of a material designed for use as roofing or siding, and a minimum of 29 gauge. The inner insulating skin to be Thermax 1" at R-8 insulating value or 1 1/2" at R-12 insulating value, Thermax insulating panel with aluminum facing two sides, to be installed on the underside of the aluminum roofing, and securely bolted or screwed to the galvanized steel and aluminum wall structure. This wall to extend a minimum of 6" into grade.

- (2) We recommend for further energy efficiency in cold climates at the perimeter adjacent to or along side of the outer greenhouse skin walls to be trenched to a depth of 18" or 24" as owner desires, and a minimum of 1" thick Thermax insulating panel be installed in the trench below grade and recovered to give below ground insulated perimeter to the greenhouse.

CITY OF FORT WAYNE

DEPARTMENT OF PURCHASES

Number One Main St., Ft. Wayne, Ind. 46802

INVITATION

Quotations, subject to the conditions on the reverse hereof, are requested on the following list of materials, supplies, equipment or services, for the department as mentioned, with delivery to destination as shown below. Quotations shall include all charges for delivery, packing, etc. Address your reply as indicated below.

*Mail all replies and correspondence, etc. to Attn. of Aaron M. Gluck DEPARTMENT OF PURCHASES

Room 940, Number One Main St., Ft. Wayne, Ind. 46802

REQUIRED FOR DELIVERY TO:

Department PARK DEPARTMENT
or Division _____

705 East State Blvd.
Fort Wayne, IN 46805

Address _____

RETURN ORIGINAL TO THE CITY—RETAIN DUPLICATE COPY FOR YOUR FILE

Closing _____

Time of Bid. Thursday, November 12, 1981 at 11:00 a.m.

TAXES: THE CITY IS EXEMPT FROM FEDERAL EXCISE AND INDIANA STATE SALES TAX. THE CITY'S INDIANA SALES TAX EXEMPTION CERTIFICATE NUMBER IS NO. 1442. PRICES SHOULD NOT INCLUDE THESE TAXES. See "Instructions to Bidders" No. 12 on reverse hereof for details.

TAX EXEMPT (Unless otherwise indicated)

Page 1 of 4

Ref. No. 1011

Date 10/27/81

Date wanted 11/12/81
11:00am.

Fund _____

Appropriation No. _____

Quantity	Unit	Materials, Supplies, Equipment or Services	Unit Price	Total Amount
		LAWTON PARK GREENHOUSE AS PER PLANS AND SPECIFICATIONS. BASE BID.....\$188,000.00 One Hundred Eighty-Eight Thousand and No/100 Dollars		
		Alternate Bid A-1 Addition of Interior Insulation Add \$ 13,400.00		
		Alternate Bid A-2 Glass "Cool" House Retrofit Add \$ 5,900.00		
		Alternate Bid A-3 Replace Existing Wood door and Block up overhead door. Add \$ 2,600.00		
		Affirmative Action: on file _____ attached <u>XXX</u>		

Bid Bond required ☐ 5% Performance Bond ☐ 100%
See Instruction Item No. 15 on reverse side hereof.

Terms 5% cash discount if paid within _____ days from delivery and acceptance of goods or completion of service.

PROPOSAL OR BID

In compliance with the above invitation for bids and subject to all conditions thereof, the undersigned offers and agrees, if this bid be accepted within a reasonable time from date of closing, to furnish any or all of the items or render such services upon which prices are quoted, in accordance with the specifications applying and at a price set opposite each item.

Delivery of any or all of the items or completion of services indicated shall be made within _____ days from receipt of order.

IMPORTANT ☒

As delivery may be a deciding factor in the award of an order, it is important that bidders furnish the information requested above.

Sign Here:

Simerman Construction Co., Inc.

Name of Company

For 1 ABC ABC Vice-President

Address 5720 Huguenard Road

City Fort Wayne, IN 46818 Date 11/12

SUPPLEMENTARY BID FORM

This Supplementary Bid Form shall be submitted with the proposal.

Alternate Base Bids

Each bidder may submit as many Base Bid Proposals as they desire. With each Proposal, a complete description is required as well as a list of at least two existing similar Greenhouse Ranges which have been in operation for a minimum of three years.

Product of I.B.G. International Including Celdeck Cooling System.

Information of Similar Greenhouse Ranges in Operation Has Been Previously Submitted.

Completion Time:

The Undersigned here agrees, if awarded the contract, to pursue the work to Substantial Completion suitable for occupancy and safe, normal operation within 150 calendar days after contract execution and authorization to proceed barring strikes, civil strife, natural calamity or other events beyond control.


Addenda:

The Undersigned here acknowledges the receipt of the following Addendum covering revisions to drawings and/or specifications, the cost of such revisions, if any, being included in the Base Bid.

Receipt of Addendum No. 1 is/are hereby acknowledged.

This Supplementary Bid Form submitted by: Simerman Construction Co., Inc.
Name of Corporation


Vice-President Donald K. Bobay


Secretary Amelia A. Simerman

CITY OF FORT WAYNE

DEPARTMENT OF PURCHASES

Number One Main St., Ft. Wayne, Ind. 46802

INVITATION

Quotations, subject to the conditions on the reverse hereof, are requested on the following list of materials, supplies, equipment or services, for the department as mentioned, with delivery to destination as shown below. Quotations shall include all charges for delivery, packing, etc. Address your reply as indicated below.

*Mail all replies and correspondence, etc. to Attn. of Aaron N. Gluck DEPARTMENT OF PURCHASES

Room 940, Number One Main St., Ft. Wayne, Ind. 46802

REQUIRED FOR DELIVERY TO:

Department PARK DEPARTMENT
or Division 705 East State Blvd.
Address Fort Wayne, IN 46805

RETURN ORIGINAL TO THE CITY—RETAIN DUPLICATE COPY FOR YOUR FILE

Closing Thursday, November 12, 1981 at 11:00 a.m.

TAXES: THE CITY IS EXEMPT FROM FEDERAL EXCISE AND INDIANA STATE SALES TAX. THE CITY'S INDIANA SALES TAX EXEMPTION CERTIFICATE NUMBER IS NO. 1432. PRICES SHOULD NOT INCLUDE THESE TAXES. See "Instructions to Bidders" No. 13 on reverse hereof for details.

TAX EXEMPT (Unless otherwise indicated)

Quantity	Unit	Materials, Supplies, Equipment or Services	Unit Price	Total Amount
		LAWTON PARK GREENHOUSE AS PER PLANS AND SPECIFICATIONS. - BASE BID		\$182,730.00
		Alternate Bid A-1 Addition of Interior Insulation	Add \$11,788.00	
		Alternate Bid A-2 Glass "Cool" House Retrofit	Add \$ 5,976.00	
		Alternate Bid A-3 Replace Existing Wood door and Block up overhead door.	Add \$ 2,500.00	
		Affirmative Action: on file <u>X</u> attached		

Bid Bond required ☐ NO ☒ YES 5% Performance Bond ☐ NO ☒ YES 100%
See Instruction Item No. 15 on reverse side hereof.

Terms % cash discount if paid within days from delivery and acceptance of goods or completion of service

PROPOSAL OR BID

In compliance with the above invitation for bids and subject to all conditions thereof, the undersigned offers and agrees, if this bid be accepted within a reasonable time from date of closing, to furnish any or all of the items or render such services upon which prices are quoted, in accordance with the specifications applying and as it appears set opposite each item.

Delivery of any or all of the items or completion of services indicated shall be made within days from receipt of order.

IMPORTANT ☒

As delivery may be a deciding factor in the award of an order, it is requested that bidders furnish the information requested above.

By W.A. Sheets

W.A. Sheets & Sons, Inc.

Name of Company Philip T. Sheets Title Treasurer

Address 1336 Polk Street

Fort Wayne, Indiana

Date 11/12/

SUPPLEMENTARY BID FORM

This Supplementary Bid Form shall be submitted with the proposal.

Alternate Base Bids

Each bidder may submit as many Base Bid Proposals as they desire. With each Proposal, a complete description is required as well as a list of at least two existing similar Greenhouse Ranges which have been in operation for a minimum of three years.

Completion Time:

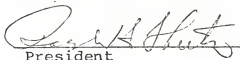
The Undersigned here agrees, if awarded the contract, to pursue the work to Substantial Completion suitable for occupancy and safe, normal operation within 120 calendar days after contract execution and authorization to proceed barring strikes, civil strife, natural calamity or other events beyond control.

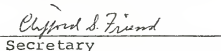
Addenda:

The Undersigned here acknowledges the receipt of the following Addendum covering revisions to drawings and/or specifications, the cost of such revisions, if any, being included in the Base Bid.

Receipt of Addendum No. 1 is/are hereby acknowledged.

This Supplementary Bid Form submitted by: W. A. Sheets & Sons, Inc.
Name of Corporation


President


Secretary

CITY OF FORT WAYNE

DEPARTMENT OF PURCHASES

Number One Main St., Ft. Wayne, Ind. 46802

INVITATION

Quotations, subject to the conditions on the reverse hereof, are requested on the following list of materials, supplies, equipment or services, for the department as mentioned, with delivery to destination as shown below. Quotations shall include all charges for delivery, packing, etc. Address your reply as indicated below.

*Mail all replies and correspondence, etc., to Attn. of Aaron M. Gluck DEPARTMENT OF PURCHASES

Room 940, Number One Main St., Ft. Wayne, Ind. 46802

REQUIRED FOR DELIVERY TO:

Department PARK DEPARTMENT
or Division 705 East State Blvd.

Address Fort Wayne, IN 46805

RETURN ORIGINAL TO THE CITY—RETAIN DUPLICATE COPY FOR YOUR FILE

Closing

Time of Bids Thursday, November 12, 1981 at 11:00 a.m.

TAXES: THE CITY IS EXEMPT FROM FEDERAL EXCISE AND INDIANA STATE SALES TAX. THE CITY'S INDIANA SALES TAX EXEMPTION CERTIFICATE NUMBER IS NO. 1404. PRICES SHOULD NOT INCLUDE THESE TAXES. See "Instructions to Bidders" No. 13 on reverse hereof for details.

TAX EXEMPT (Unless otherwise indicated)

Quantity	Unit	Materials, Supplies, Equipment or Services	Unit Price	Total Amount
		LAWTON PARK GREENHOUSE AS PER PLANS AND SPECIFICATIONS.		
		BASE BID <u>(ONE HUNDRED SEVENTY-FOUR THOUSAND THREE HUNDRED NINETY AND NO/100</u>		<u>174,390</u>
		Alternate Bid A-1		
		Addition of Interior Insulation Add <u>8,900.00</u>		
		Alternate Bid A-2		
		Glass "Cool" House Retrofit Add <u>5,724.00</u>		
		Alternate Bid A-3		
		Replace Existing Wood door and Block up overhead door. Add <u>2,200.00</u>		
		Affirmative Action: on file <u>Yes</u> attached <u></u>		

Bid Bond required ☐ ☒ 5% Performance Bond ☐ ☒ 100%
 Terms % cash discount if paid within days from delivery and acceptance of goods or completion of services.

PROPOSAL OR BID

In compliance with the above invitation for bids and subject to all conditions thereof, the undersigned offers and agrees, if this bid be accepted within a reasonable time from date of closing, to furnish any or all of the items or render such services upon which prices are quoted, in accordance with the conditions applying and as if price set opposite each item.

Delivery of any or all of the items or completion of services indicated shall be made within days from receipt of order.

IMPORTANT

As delivery may be a deciding factor in the award of an order, it is important that bidders furnish the information requested above.

MRS. HEWES

Silkworth Construction Co., Inc.

Fred C. Silkworth Name of Company Title President

501 Wolf Drive

Fort Wayne, IN 46825

Date 11/12/81

SUPPLEMENTARY BID FORM

This Supplementary Bid Form shall be submitted with the proposal.

Alternate Base Bids

Each bidder may submit as many Base Bid Proposals as they desire. With each Proposal, a complete description is required as well as a list of at least two existing similar Greenhouse Ranges which have been in operation for a minimum of three years.

Completion Time:

The Undersigned here agrees, if awarded the contract, to pursue the work to Substantial Completion suitable for occupancy and safe, normal operation within 180 calendar days after contract execution and authorization to proceed barring strikes, civil strife, natural calamity or other events beyond control.

Addenda:

The Undersigned here acknowledges the receipt of the following Addendum covering revisions to drawings and/or specifications, the cost of such revisions, if any, being included in the Base Bid.

Receipt of Addendum No. 1 is/are hereby acknowledged.

This Supplementary Bid Form submitted by: Silkworth Construction Co., Inc.
Name of Corporation

Fred C. Silkworth
President Fred. C. Silkworth

Paul D. Hatfield
Secretary Paul D. Hatfield

CITY OF FORT WAYNE

DEPARTMENT OF PURCHASES

Number One Main St., Ft. Wayne, Ind. 46802

INVITATION

Quotations, subject to the conditions on the reverse hereof, are requested on the following list of materials, supplies, equipment or services, for the department as mentioned, with delivery to destination as shown below. Quotations shall include all charges for delivery, packing, etc. Address your reply as indicated below.

*Mail all replies and correspondence, etc. to Attn. of Aaron M. Gluck DEPARTMENT OF PURCHASES

Room 940, Number One Main St., Ft. Wayne, Ind. 46802

REQUIRED FOR DELIVERY TO:

Department PARK DEPARTMENT

or Division 705 East State Blvd.

Address Fort Wayne, IN 46805

RETURN ORIGINAL TO THE CITY—RETAIN DUPLICATE COPY FOR YOUR FILE

Closing Time of Bids Thursday, November 12, 1981 at 11:00 a.m.

TAXES: THE CITY IS EXEMPT FROM FEDERAL EXCISE AND INDIANA STATE SALES TAX. THE CITY'S INDIANA SALES TAX EXEMPTION CERTIFICATE NUMBER IS NO. 1004. PRICES SHOULD NOT INCLUDE THESE TAXES. See "Instructions to Bidders" No. 13 on reverse hereof for details.

TAX EXEMPT (Unless otherwise indicated)

Quantity	Unit	Materials, Supplies, Equipment or Services	Unit Price	Total Amount
		LAWTON PARK GREENHOUSE AS PER PLANS AND SPECIFICATIONS. Greenhouse by: <u>Rough Brothers, Cincinnati, Ohio</u> <u>Base Bid</u> \$ <u>\$ 212,500.00</u>		
		Alternate Bid A-1 Addition of Interior Insulation Add <u>no bid</u> (not advisable)		
		Alternate Bid A-2 Glass "Cool" House Retrofit Add <u>\$11,000.00</u>		
		Alternate Bid A-3 Replace Existing Wood door and Block up overhead door. Add <u>\$1,200.00</u>		
		Vol Alt. 1 Slant housing guards on Fans (9) Add <u>400.00</u>		
		Vol. Alt 2 4 oz. in lieu of 5 oz Crystalalite Deduct <u>1,800.00</u>		
		Vol. Alt 3 Crystalalite without Tedlar (5 oz) Deduct <u>4,000.00</u>		
		Vol Alt 4 4 oz. without Tedlar in lieu of 5 oz Deduct <u>5,800.00</u>		
		See attached continuation of list		
		Affirmative Action: on file <u>XX</u> attached		

Bid Bond required ☐ NO ☒ YES 5% Performance Bond ☐ NO ☒ YES 100%
See instruction item No. 15 on reverse side hereof.

Terms % cash discount if paid within days from delivery and acceptance of goods or completion of services

PROPOSAL OR BID

In compliance with the above invitation for bids and subject to all conditions thereof, the undersigned offers and agrees, if this bid be accepted within a reasonable time from date of closing, to furnish any or all of the items or render such services upon which prices are quoted, in accordance with the specifications applying and as at price set opposite each item.

Delivery of any or all of the items or completion of services indicated shall be made within days from receipt of order

IMPORTANT

As delivery may be a deciding factor in the award of an order, it is important that bidders furnish the information requested above.
City of Fort Wayne

LENZACHER CONSTRUCTION CONST. CO. INC.

By: [Signature]
President of Company

Address Rt. 3 Box 213

City Grabill, Indiana 46741 Date 11/12/81

Page 1 of 4

Ref. No. 1011

Date 10/27/81

Date wanted 11/12/81
11:00am.

Fund
Appropriation No.

LENGACHER CONSTRUCTION CO., INC.

LOUIS LEE LENGACHER, PRES. • R.R. 2, GRABILL, INDIANA 46741 • PHONE (219) 657-5508

Bid continuation list.
Fort Wayne Dept. of purchases

Greenhouse Bid. *Ref. 1011*

The following three Voluntary Alternates may be considered if Alternate No. A-2 is accepted

Vol. Alt 5.4 oz. Crystalite with Tedlar in Lieu
of 5 oz. Deduct \$60.00

Vol Alt. 6 5 oz. Crystalite without Tedlar
Deduct \$ 135.00

Vol. Alt. 7.4 oz. Crystalite without Tedlar
Deduct \$ 185.000

To remove BX9 O.H. Door and furnish and install
new 10X10 As specified ADD \$1,050.00

Lengacher Construction Comp. Inc.

L. L. Lengacher
Louis Lee Lengacher, Pres.

SUPPLEMENTARY BID FORM

This Supplementary Bid Form shall be submitted with the proposal.

Alternate Base Bids

Each bidder may submit as many Base Bid Proposals as they desire. With each Proposal, a complete description is required as well as a list of at least two existing similar Greenhouse Ranges which have been in operation for a minimum of three years.

No Alternates Bid.

Our Base Bid is with Rough Brothers, Cincinnati, Ohio.

Completion Time:

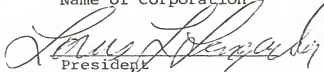
The Undersigned here agrees, if awarded the contract, to pursue the work to Substantial Completion suitable for occupancy and safe, normal operation within 220 calendar days after contract execution and authorization to proceed barring strikes, civil strife, natural calamity or other events beyond control.

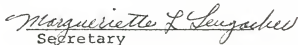
Addenda:

The Undersigned here acknowledges the receipt of the following Addendum covering revisions to drawings and/or specifications, the cost of such revisions, if any, being included in the Base Bid.

Receipt of Addendum No. One is/are hereby acknowledged.

This Supplementary Bid Form submitted by: Lengacher Const. Cmpo. Inc.
Name of Corporation


President


Secretary

DIGEST SHEET

TITLE OF ORDINANCE 2-82-02-14

DEPARTMENT REQUESTING ORDINANCE Parks and Recreation Department

SYNOPSIS OF ORDINANCE An ordinance accepting a bid for the construction of seven (7) Greenhouses at Lawton Park.

EFFECT OF PASSAGE To provide support, development and a supply of plants and greenery to the Plant Conservatory; funds are from the Foellinger Foundation and Freiman Charitable Trust.

EFFECT OF NON-PASSAGE Unable to supply adequate plants and greenery to be displayed in the Plant Conservatory.

MONEY INVOLVED (Direct Costs, Expenditures, Savings) _____

ASSIGNED TO COMMITTEE (J.N.) _____

DATE SUBMITTED. _____